



Product Evaluation

DR726| 0715

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-726

Effective Date: July 1, 2015

Re-evaluation Date: March 2018

Product Name: Glacier 3300 Aluminum Sliding Glass Doors, Impact Resistant

Manufacturer: Fleetwood Windows & Doors
1 Fleetwood Way
Corona, CA 92879
(951) 279-1070

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Glacier 3300 Aluminum Sliding Glass Doors; OXXO	LC-PG40 240x120-SD Missile Level D	+40 / -40 psf
2	Glacier 3300 Aluminum Sliding Glass Doors; OOX	LC-PG35 180x120-SD Missile Level D	+35 / -35 psf

Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	240" x 120"	Fixed Panels: 54-3/8" x 112-3/4" Operable Panels: 54-5/8" x 112-3/4"
2	180" x 120"	Fixed Panels: 55-1/16" x 112-3/4" Operable Panel: 55-1/16" x 112-3/4"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Fleetwood Windows & Doors
	Product Name	3300 Glacier Impact Rated Sliding Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05, ASTM E 1996-06 Missile Level D
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Fleetwood Windows & Doors
	Product Name	3300 Glacier Impact Rated Sliding Door (OOX/XOO)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-05, ASTM E 1996-06 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

- System 1:** Use minimum Spruce-Pine-Fir dimension lumber for the wall-framing members. Secure the assembly to the wall framing using the nail fin located along the head and the side jambs with minimum No. 10 x 2" PPH SMS. Locate fasteners approximately 3" from each corner and 12" on center. In addition, at the head, secure each vertical fixed interlock to the wall framing with a 3" x 4" aluminum L-bracket. The bracket is secured to the fixed interlock with one No. 10 x 1" PFH SMS. Secure the bracket to the wall framing with two No. 10 x 2-1/2" PPH SMS. At the sill, secure each vertical fixed interlock to the wall framing with a 3" x 4" aluminum L-bracket. The bracket is secured to the fixed interlock with two No. 10 x 1" PFH SMS. Secure the bracket to the wall framing with two No. 10 x 2-1/2" PPH SMS. Also at the sill at each vertical interlock, secure the fixed interlock block to the wall framing with two No. 10 x 3" PFH wood screws. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.
- System 2:** Use minimum Spruce-Pine-Fir dimension lumber for the wall-framing members. Secure the assembly to the wall framing using the nail fin located along the head and the side jambs with minimum No. 10 x 2" PPH SMS. Locate fasteners approximately 3" from each corner and 12" on center. In addition, at the head, secure the vertical fixed interlock to the wall framing with a 3" x 4" aluminum L-bracket. The bracket is secured to the fixed interlock with one No. 10 x 1" PFH SMS. Secure the bracket to the wall framing with two No. 10 x 2-1/2" PPH SMS. At the sill, secure the vertical fixed interlock and the fall jamb to the wall framing with a 3" x 4" aluminum L-bracket. The bracket is secured to the fixed interlock and to the fall jamb with two No. 10 x 1" PFH SMS. Secure the bracket to the wall framing with two No. 10 x 2-1/2" PPH SMS. Also at the sill at the vertical fixed

interlock, secure the fixed interlock block to the wall framing with two No. 10 x 3" PFH wood screws. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.